

Title (en)

COMBINED ELECTRIC TOOL AND CONTROL METHOD THEREFOR

Title (de)

KOMBINIERTES ELEKTRISCHES WERKZEUG UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)

OUTIL ÉLECTRIQUE COMBINÉ ET SON PROCÉDÉ DE COMMANDE

Publication

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Application

**EP 15783647 A 20150311**

Priority

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- CN 2015074014 W 20150311

Abstract (en)

[origin: EP3135436A1] A combined electric tool comprises at least one main body and at least one working part which may be separated or connected, wherein a separable and connectable transmission device is arranged therebetween, the main body is provided therein with an electric motor and a control circuit, the control circuit comprises a signal recognition module comprising a microcontroller, the working part is provided therein with an identification module, and the signal recognition module and the identification module are electrically connected or in wireless communication, such that the microcontroller can recognise the working part. The combined electric tool can recognise different working parts, and is safe and efficient in operation because different control methods are adopted against different working parts, and at the same time, the electric motor in the main body is in common use and thus the hardware cost is remarkably reduced. Also disclosed is a control method for the combined electric tool.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X1] WO 2008057023 A1 20080515 - ATLAS COPCO TOOLS AB [SE], et al
- [X1] WO 2006104929 A2 20061005 - BLACK & DECKER INC [US], et al
- See references of WO 2015161722A1

Designated contracting state (EPC)

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